

Monitoring and Measuring



MONITORING AND MEASUREMENT (4.5.1)

Monitoring and Measuring (cont.)

Section 4.5.1 of the standard contains the requirements for monitoring and measurement of those activities related to the significant environmental aspects of ISO 14001.

Monitoring and Measuring (cont.)

The basic issue that needs to be addressed in the monitoring and measurement section is

HOW DOES AN ORGANIZATION EVALUATE THE KEY CHARACTERISTICS OF THE EMS WITH RESPECT TO CONFORMANCE WITH THE ENVIRONMENTAL OBJECTIVES AND TARGETS AND COMPLIANCE WITH ENVIRONMENTAL LAWS AND REGULATIONS?

Monitoring and Measuring (cont.)



Three specific issues must be addressed:

1. Organization must establish a documented procedure to monitor and measure on a set frequency the activities that are related to the significant environmental aspects.
 2. Organization must ensure that the devices used for monitor and measure are calibrated accurately.
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Monitoring and Measuring (cont.)



Three specific issues must be addressed:
(cont.)

3. Organization must establish a documented procedure for evaluating on a set frequency compliance with environmental laws and regulations.

Monitoring and Measuring (cont.)



Remember the significant environmental aspects lead to the development of the objectives and targets. The monitoring programs must be directly related to each established target.

Monitoring and Measuring (cont.)

Calibration of monitoring and measuring devices is required to insure that the organization has control of accuracy and precision issues.

Monitoring and Measuring (cont.)

ISO 14001 requires that the organization evaluate, understand and recognize its obligations with respect to applicable environmental laws and regulations. A documented procedure with a set frequency must be developed to review compliance with laws and regulations.

Monitoring and Measuring (cont.)



ISO 14001 requires that the organization maintain these records.